

FIG. 1

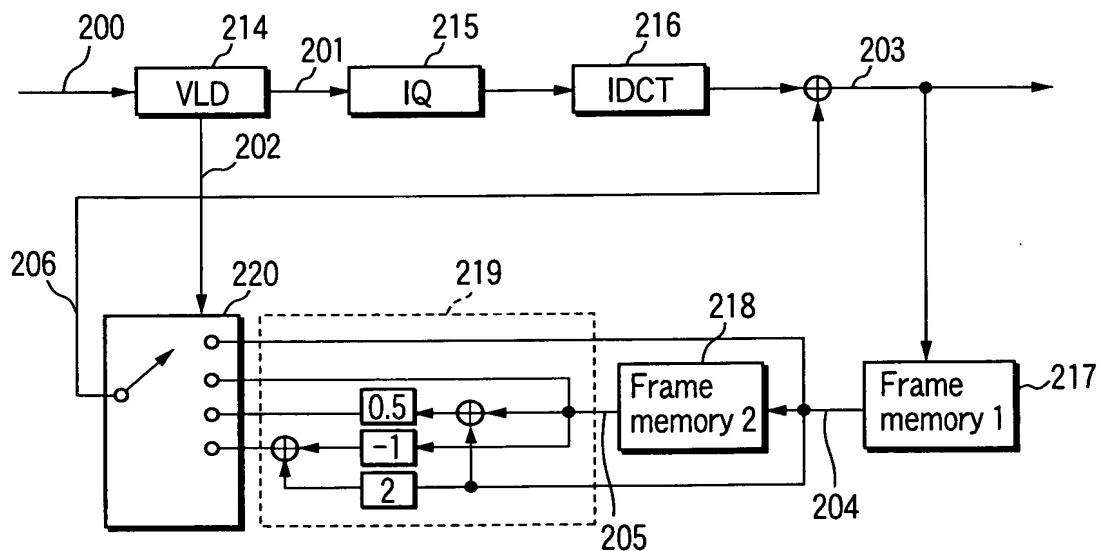


FIG. 2

2/23

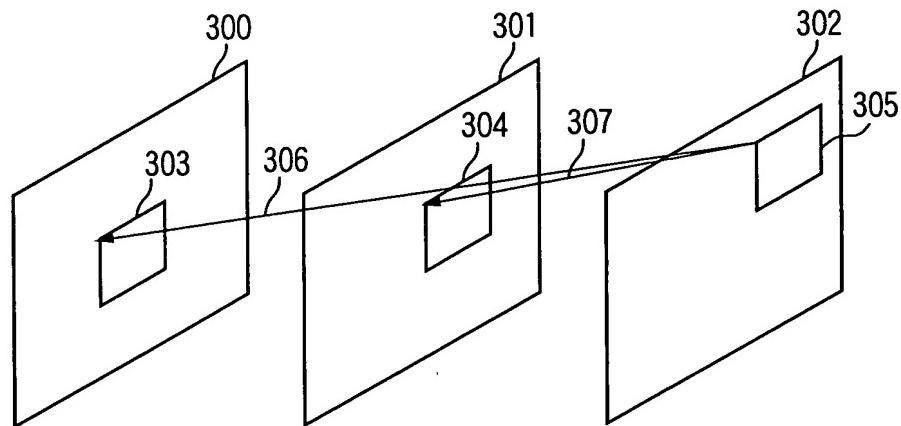


FIG. 3

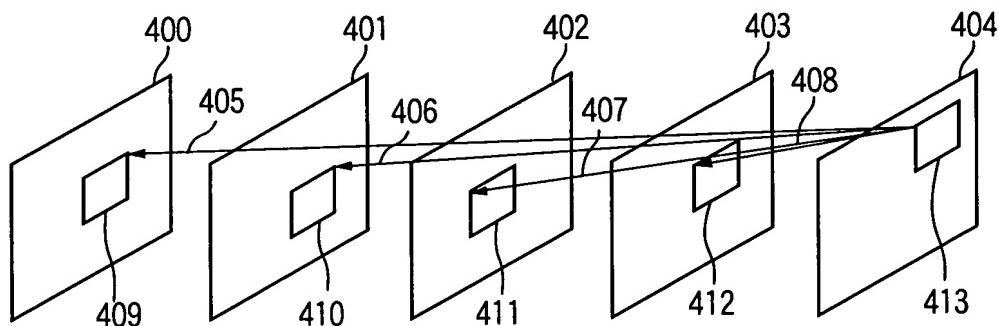


FIG. 4

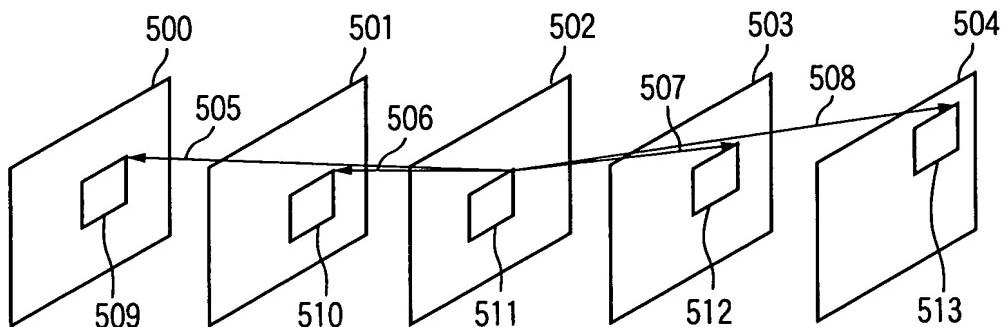


FIG. 5

3/23

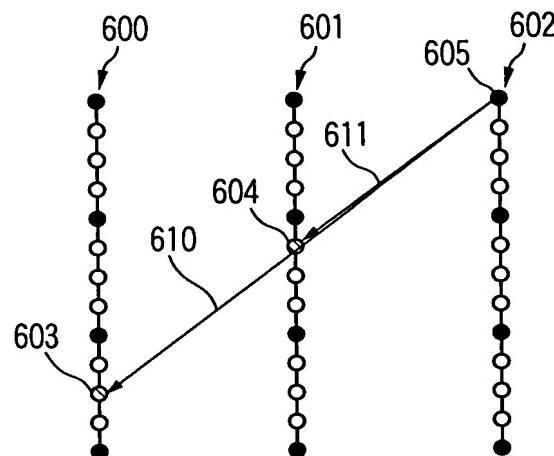


FIG. 6

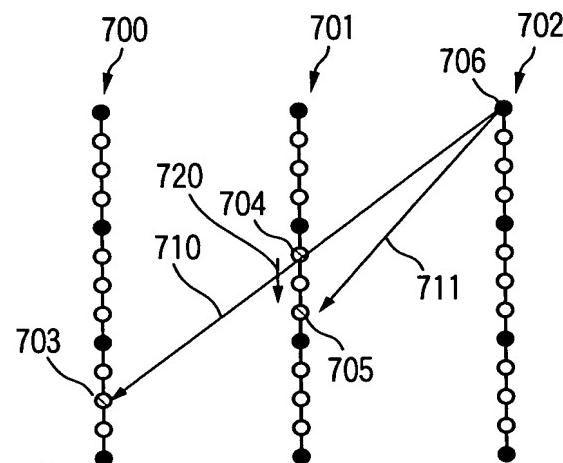


FIG. 7

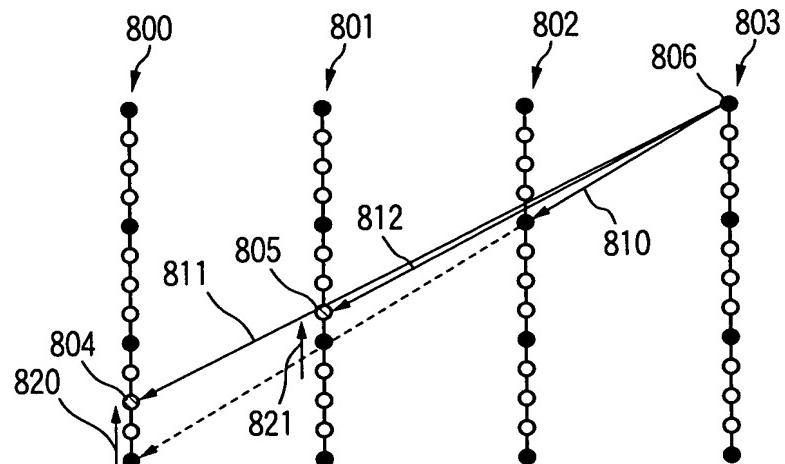


FIG. 8

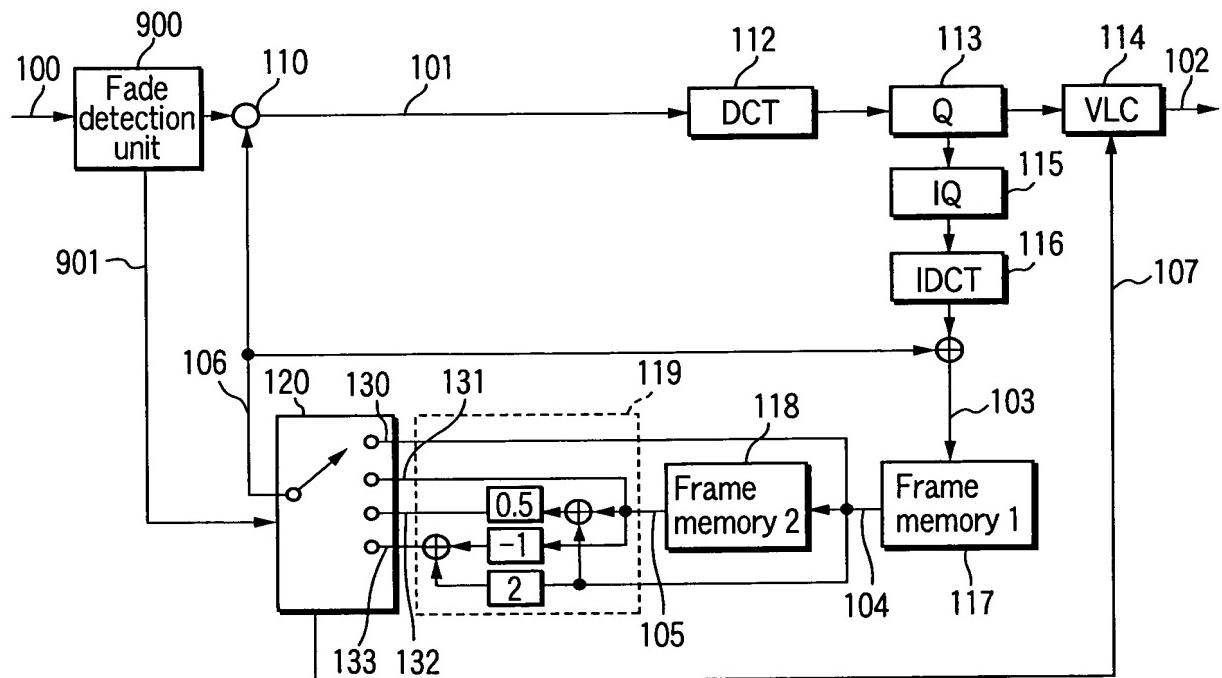


FIG. 9

5/23

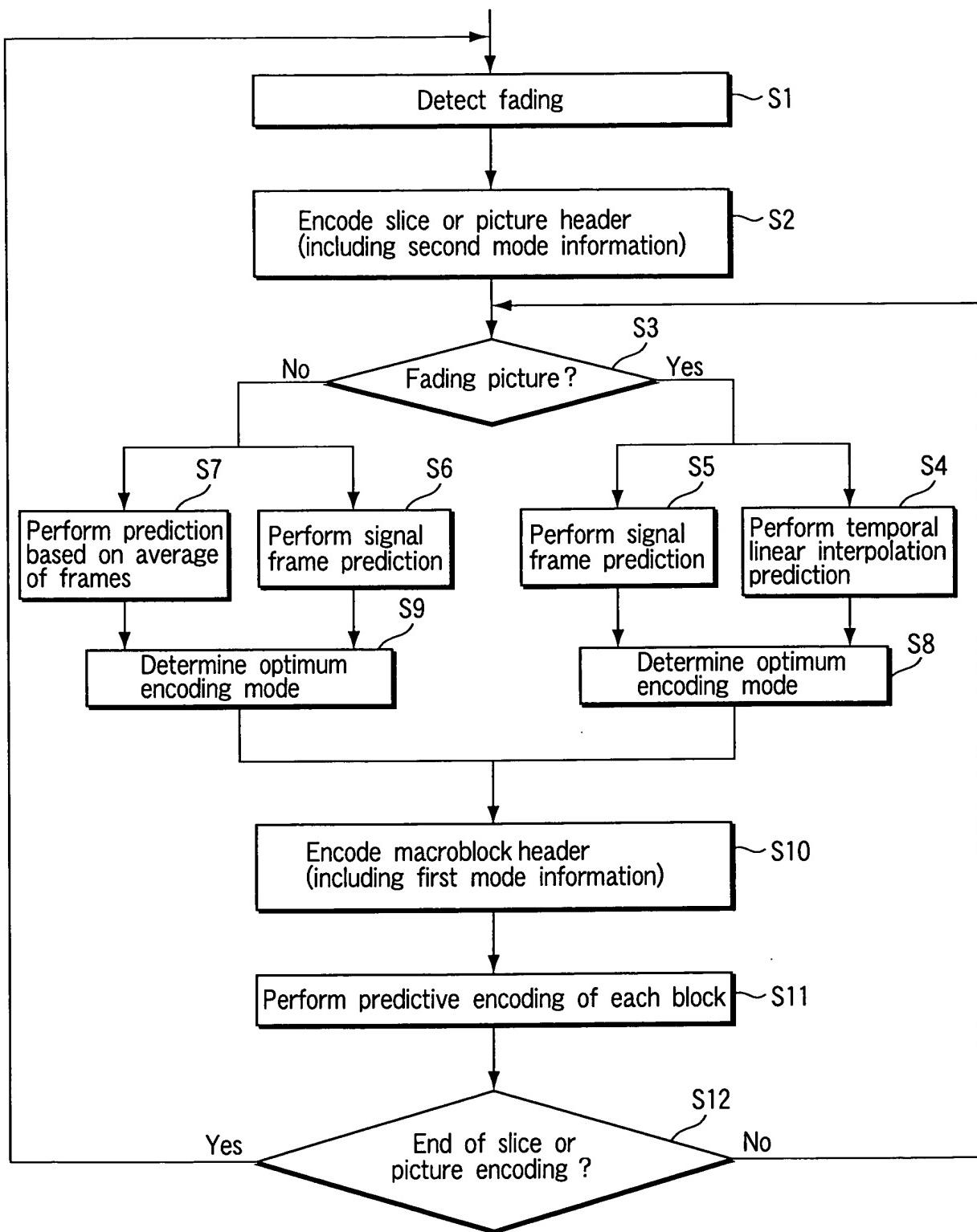


FIG. 10

6/23

```
Picture(or Slice) ()  
{  
    time_info_to_be_displayed  
    . . .  
    linear_weighted_prediction_flag  
    . . .  
    do {  
        Macroblock()  
    }while(! "end of Slice(or Picture)")  
}
```

FIG. 11

```
Macroblock()  
{  
    macroblock_type  
    . . .  
    "predictive error signal encoded data"  
}
```

FIG. 12

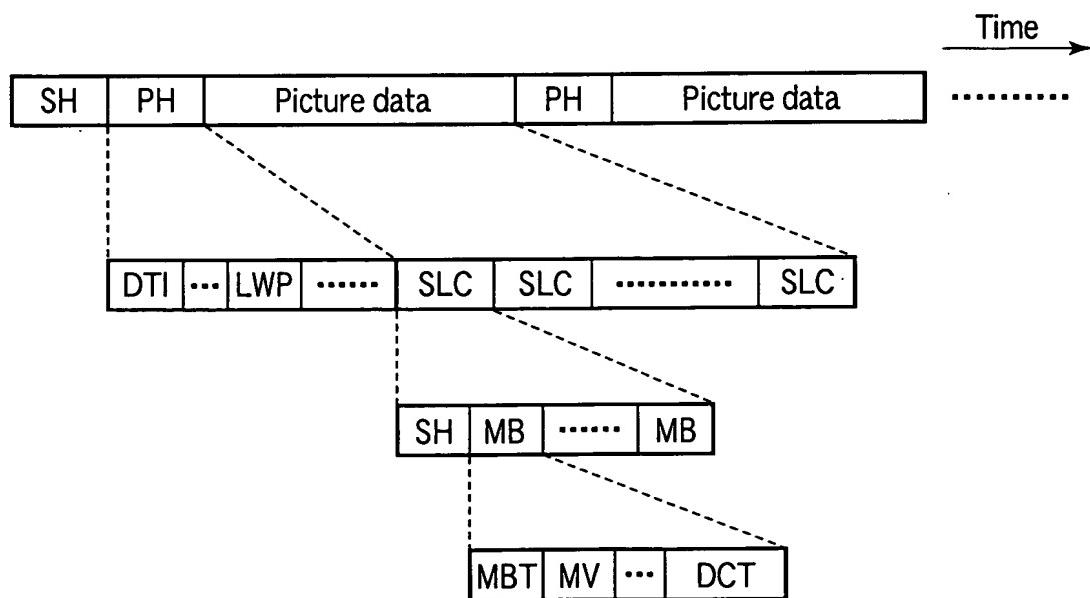


FIG. 13

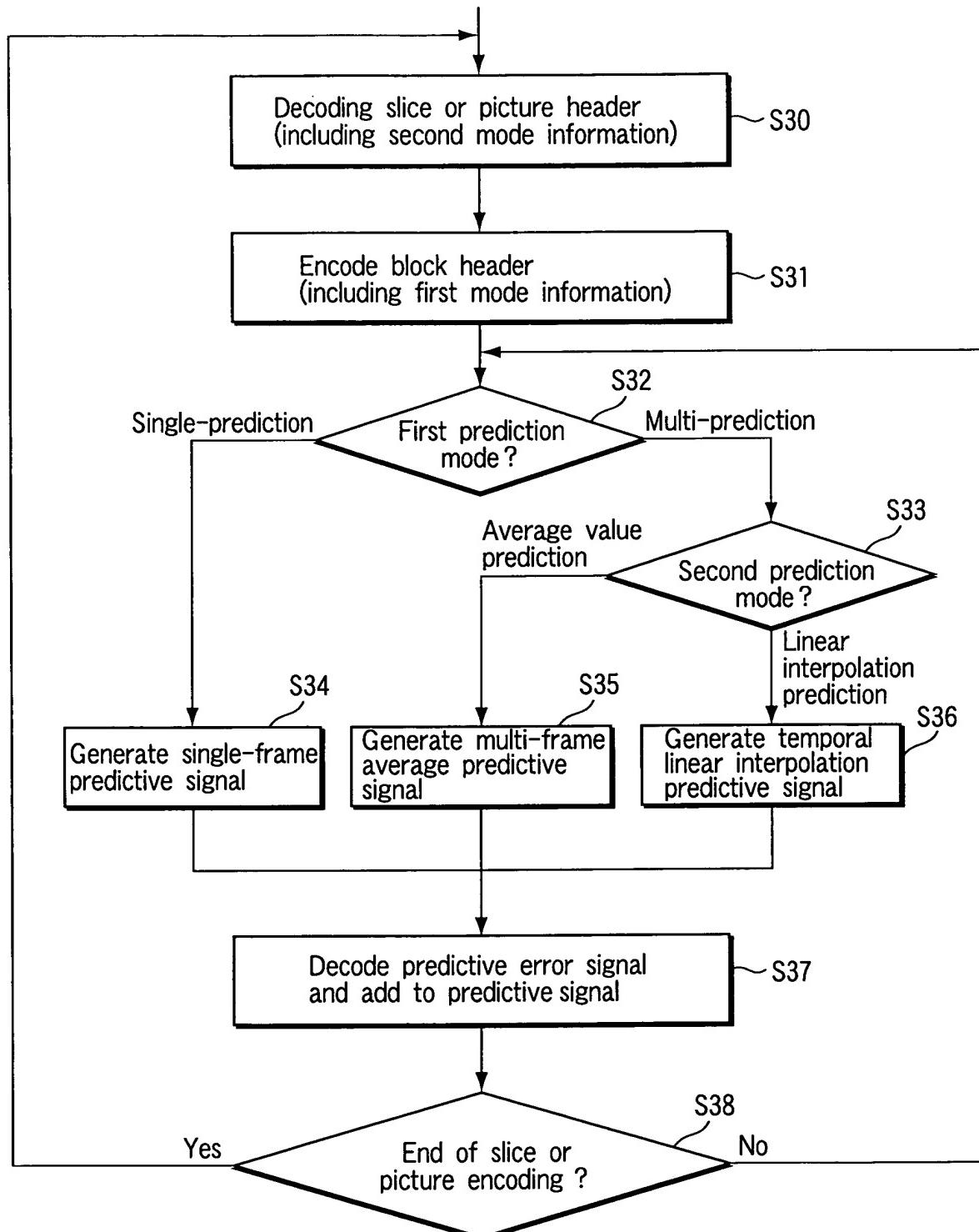


FIG. 14

8/23

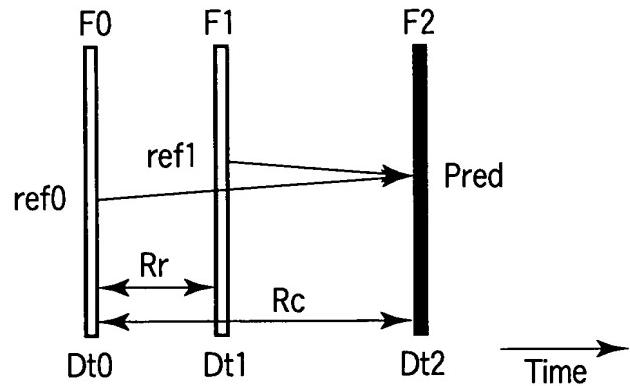


FIG. 15

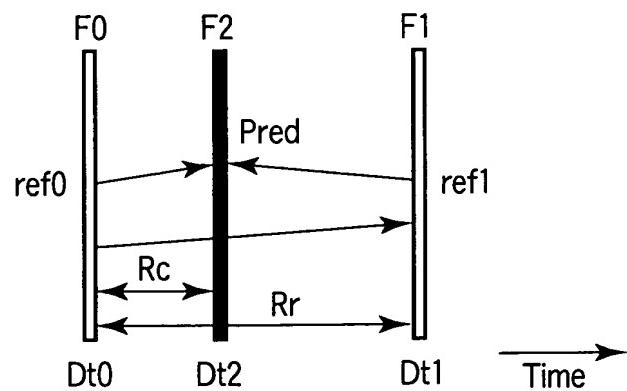


FIG. 16

9/23

Code_number	Weighting_factors	
	Near	Far
0	0.5	0.5
1	2	-1

FIG. 17

Code_number	Weighting_type
0	Average
1	Interpolation / extrapolation

FIG. 18

Code_number	Reference_frame
0	Final decoded frame (one frame back)
1	Two frames back
2	Combination of one frame back and two frames back

FIG. 19

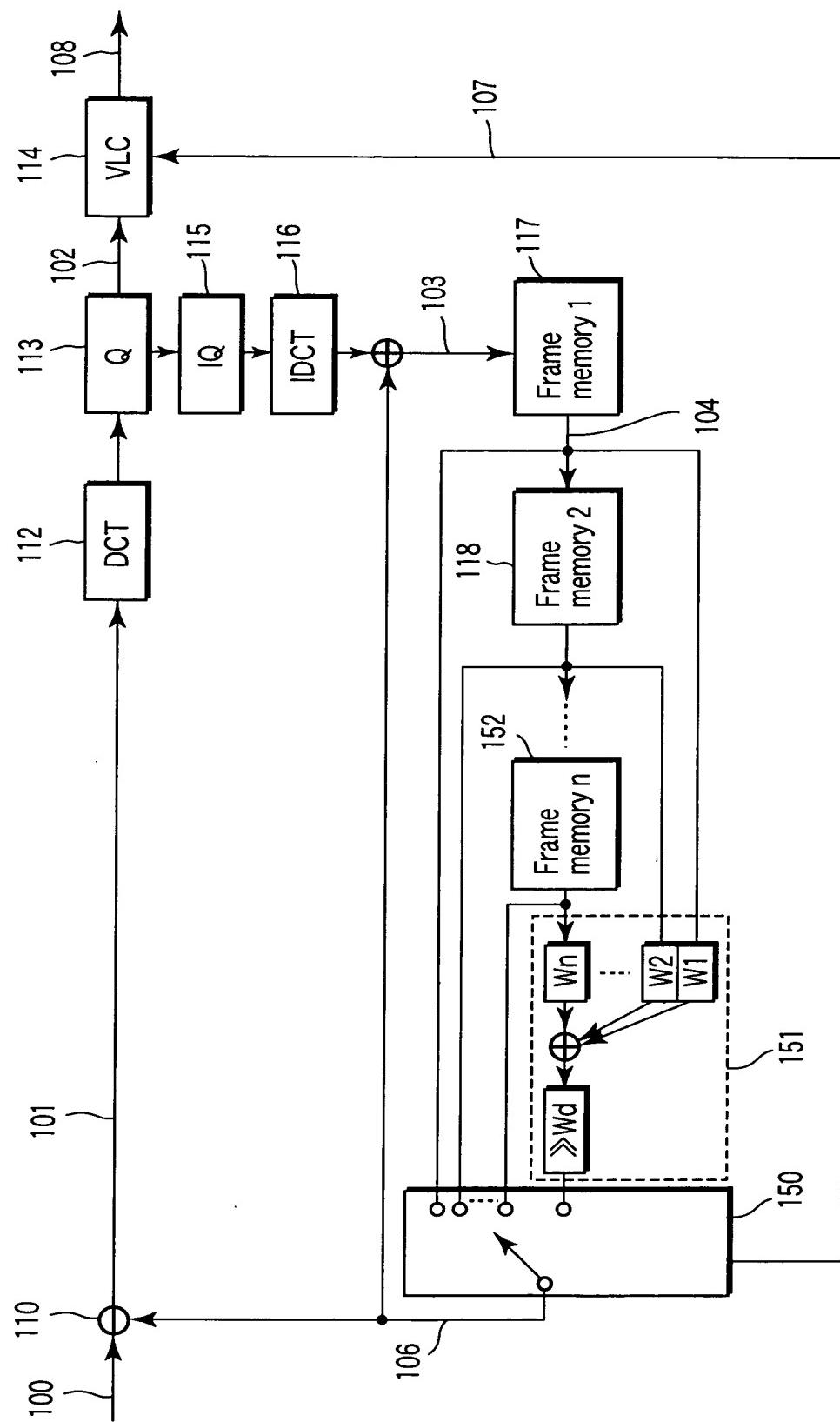


FIG. 20

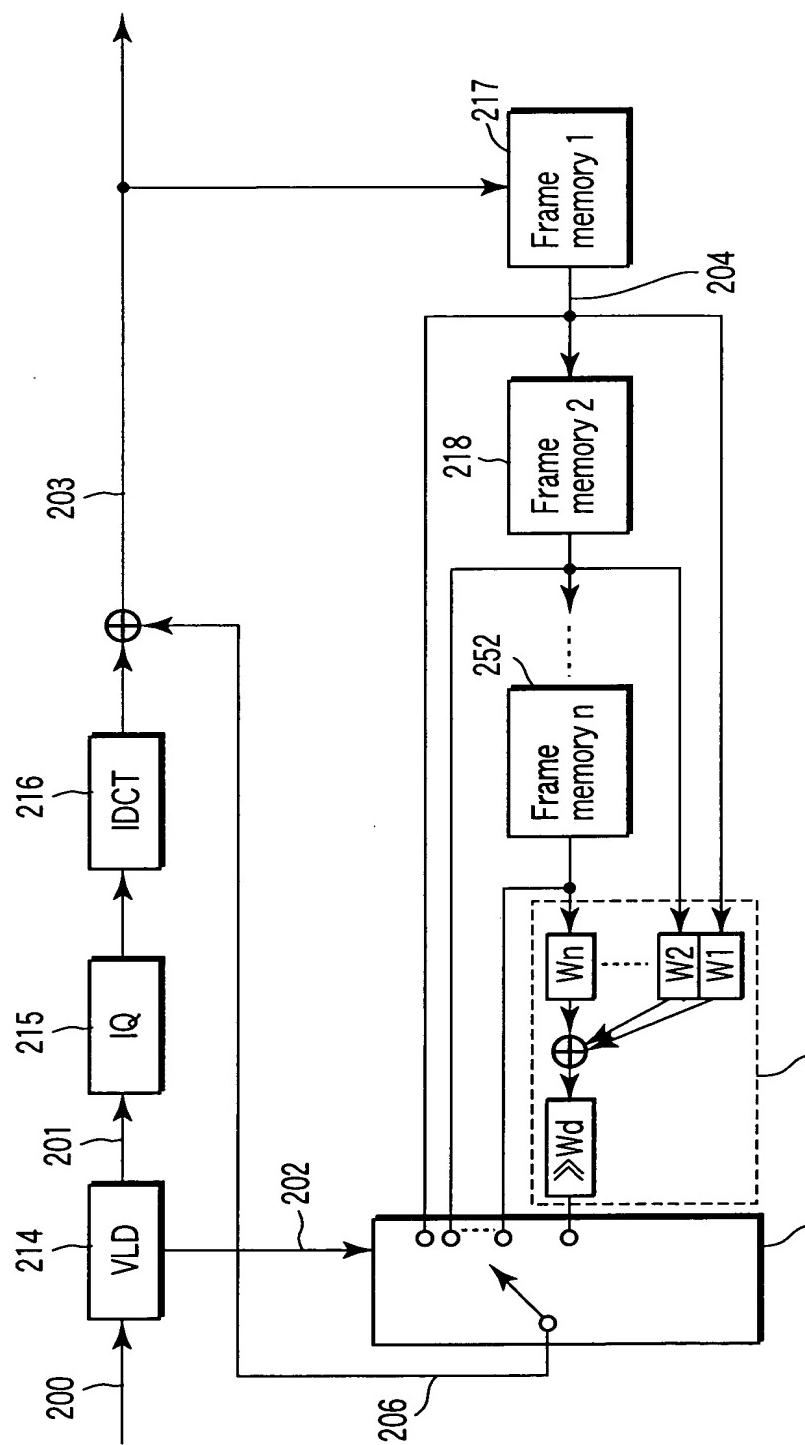


FIG. 21

12/23

```
Number_Of_Max_References  
WeightingFactorDenominatorExponent  
for(i=1; i<=Number_Of_Max_References; i++)  
    WeightingFactorNumerator [ i ]
```

F I G. 22

Code_number	Reference_frame
0	Multiple reference prediction
1	Final decoded frame (one frame back)
2	Two frames back
3	Three frames back
...	...

F I G. 23

13/23

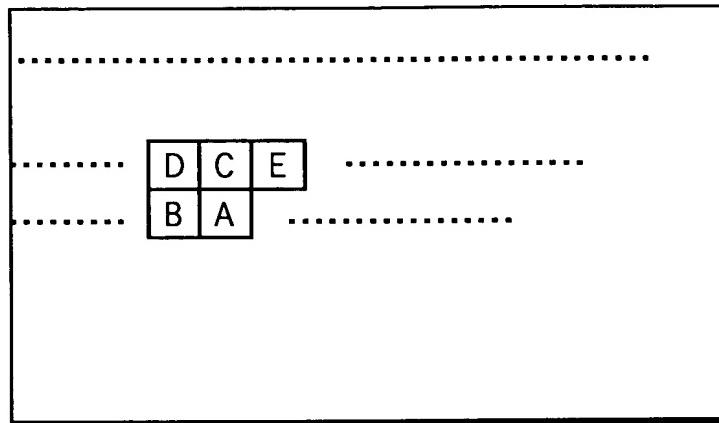


FIG. 24

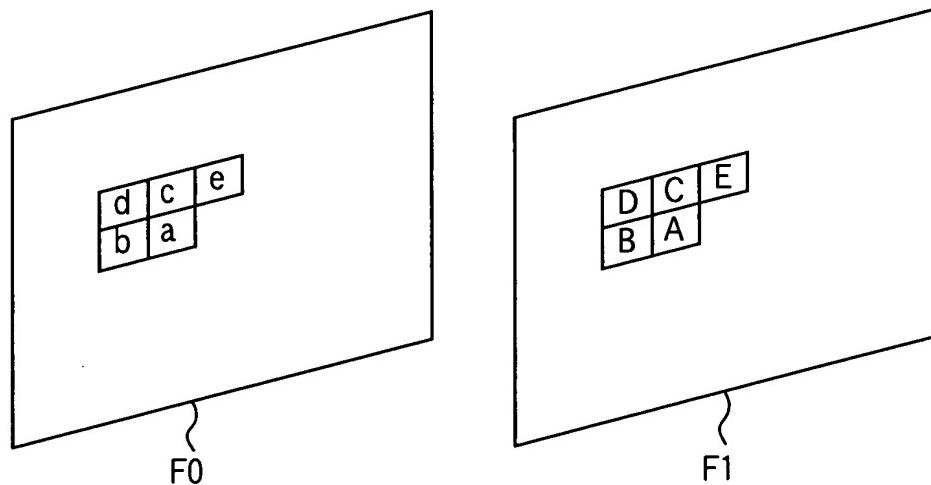


FIG. 25A

FIG. 25B

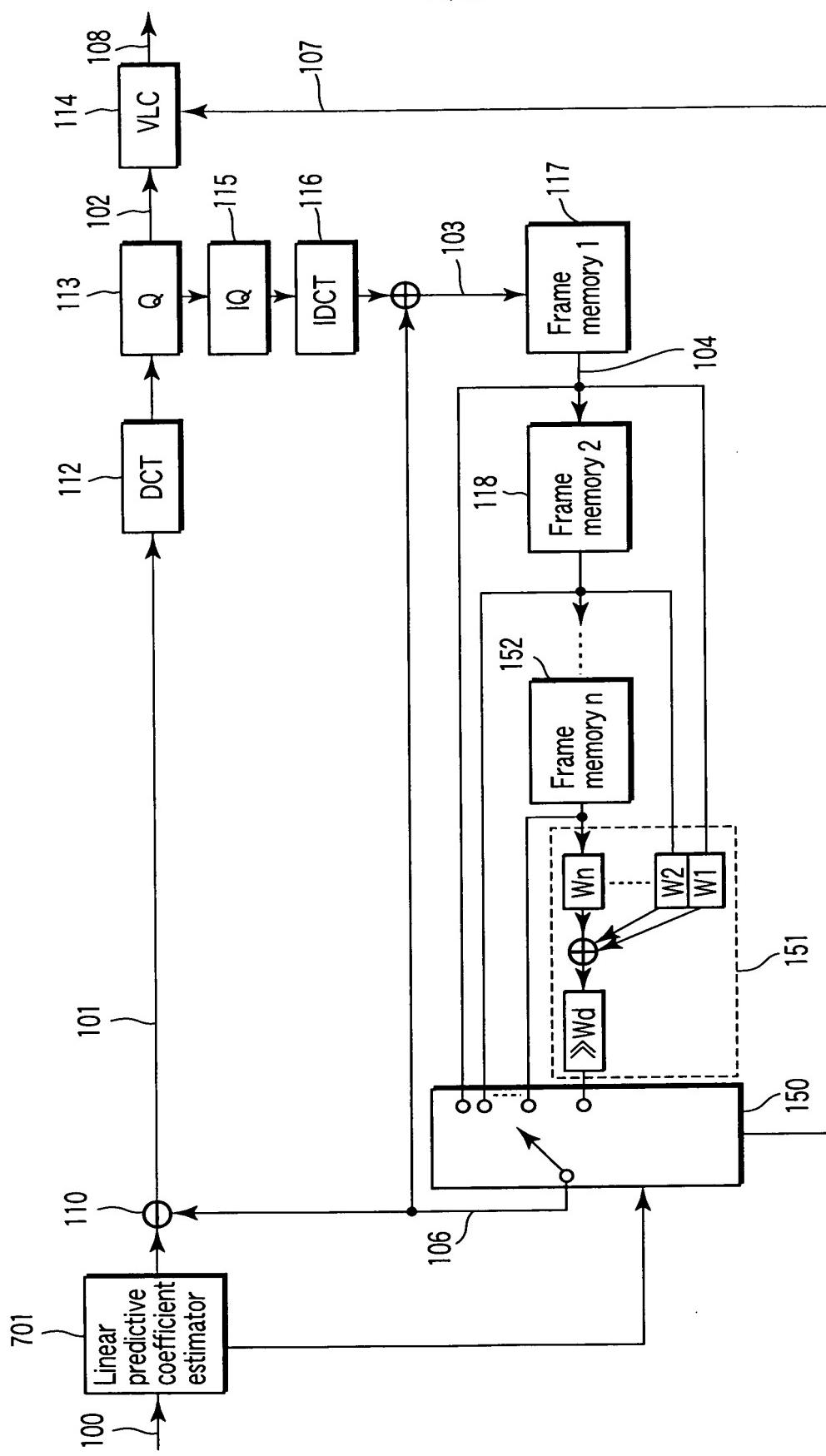
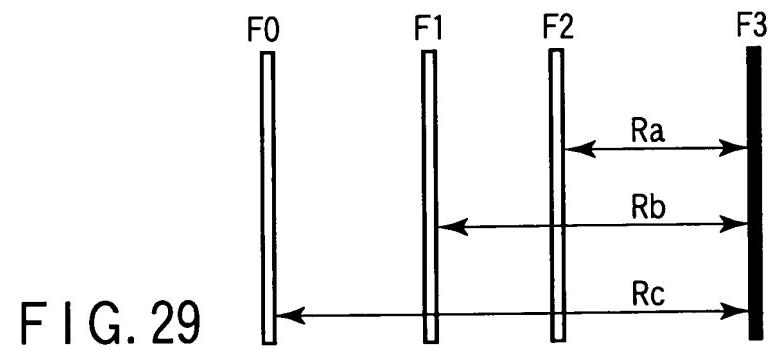
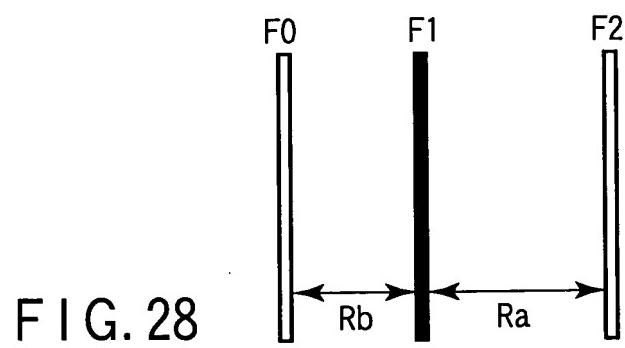
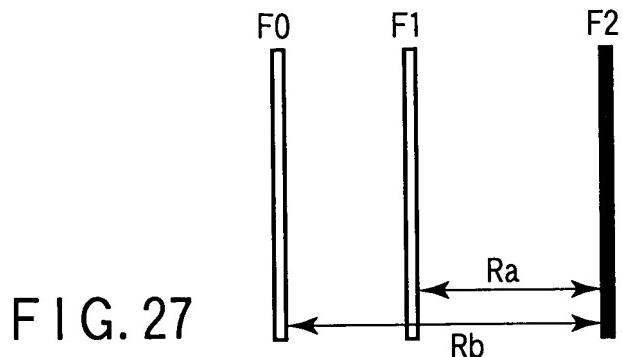
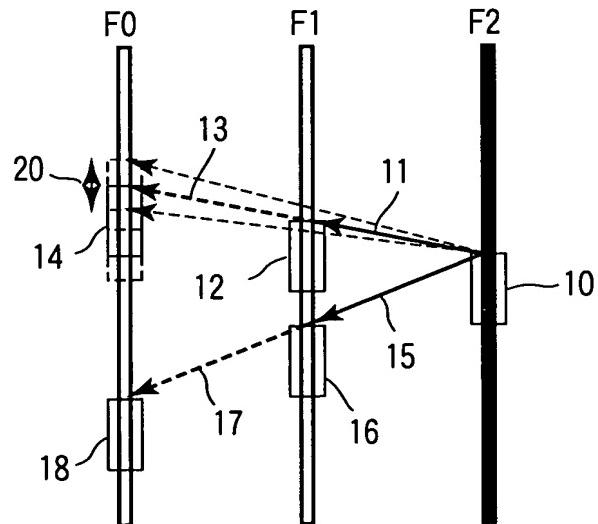
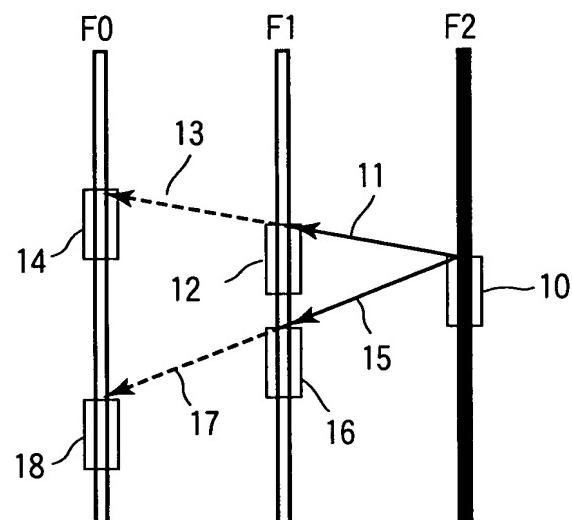
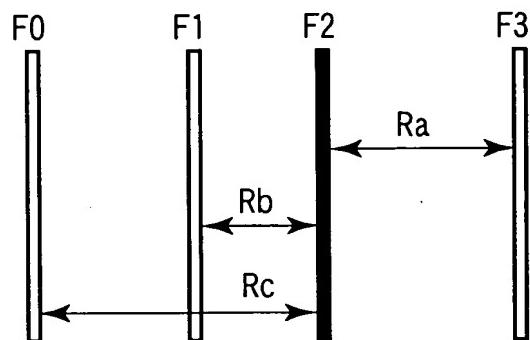
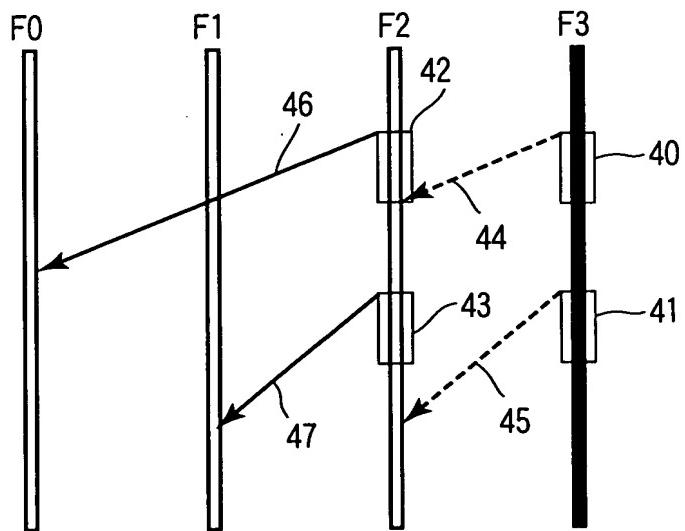
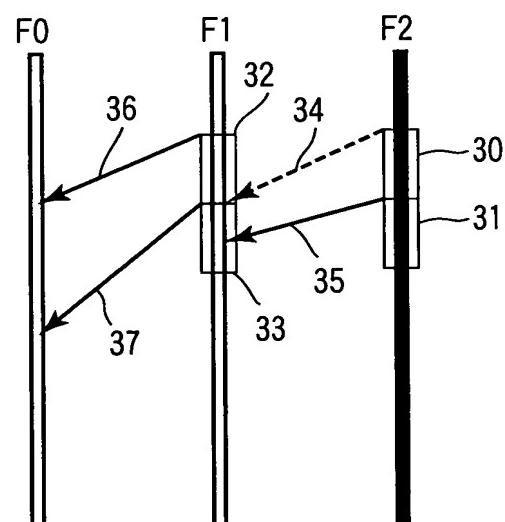
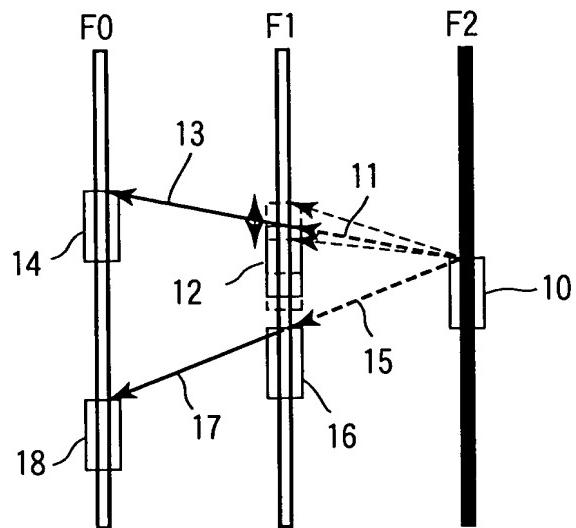


FIG. 26



16/23





18/23

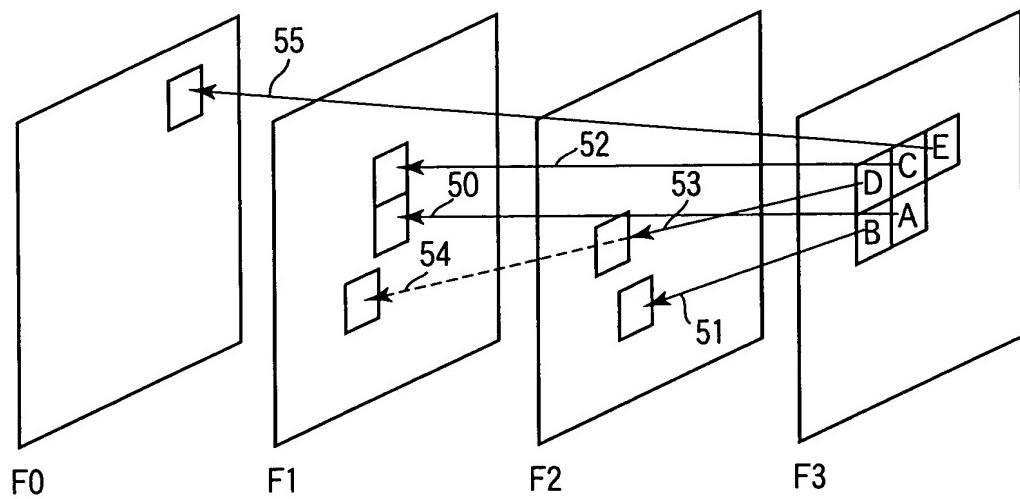


FIG. 36

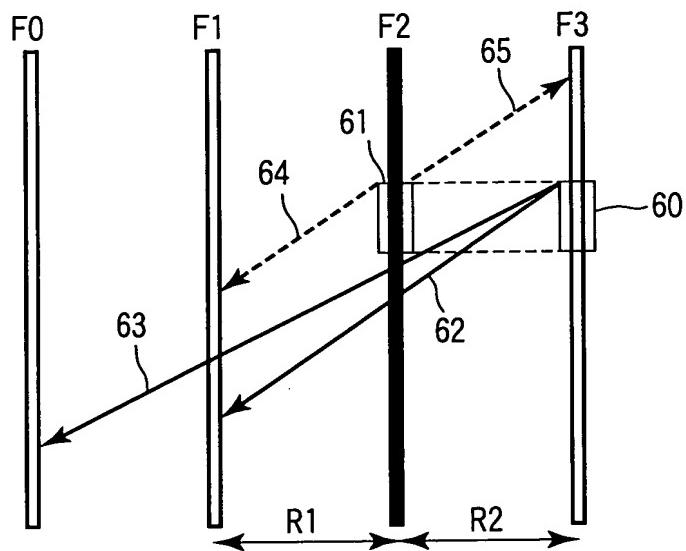


FIG. 37

19/23

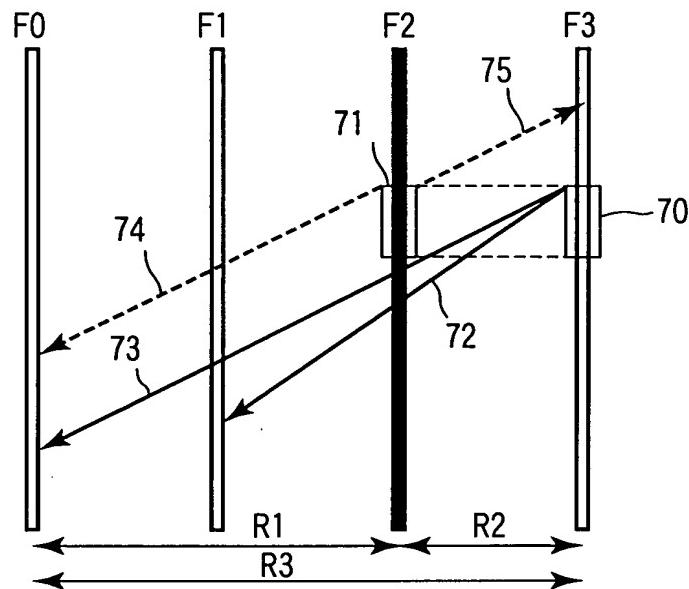


FIG. 38

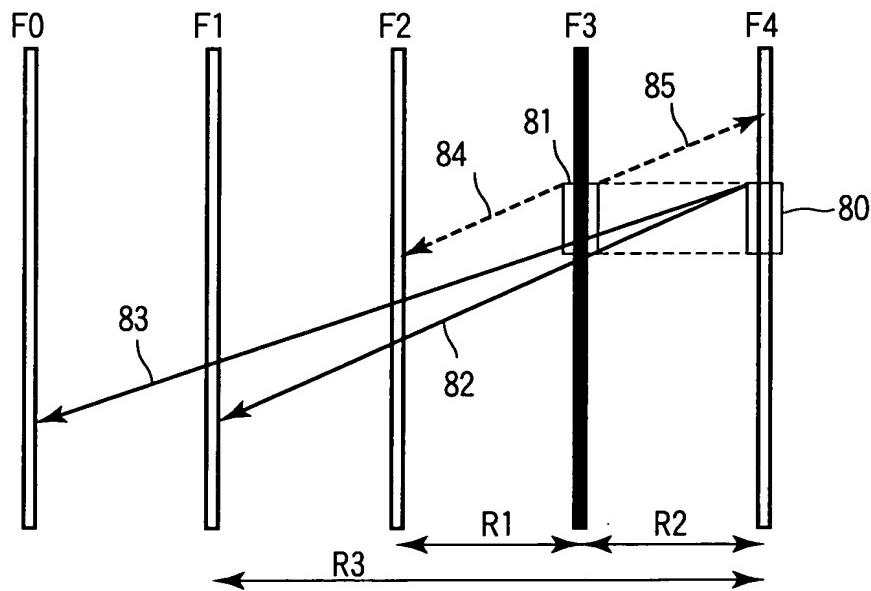


FIG. 39

20/23

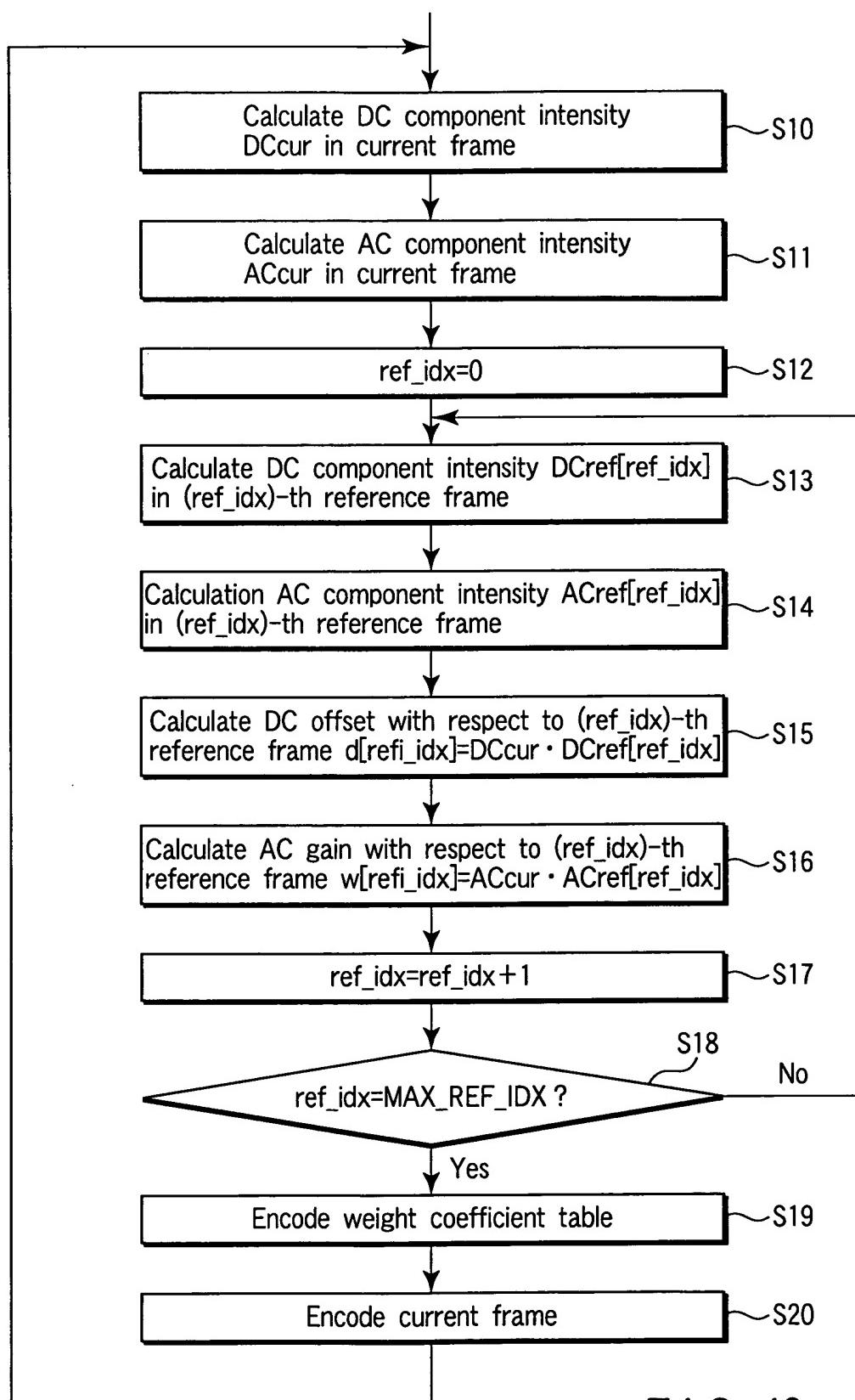


FIG. 40

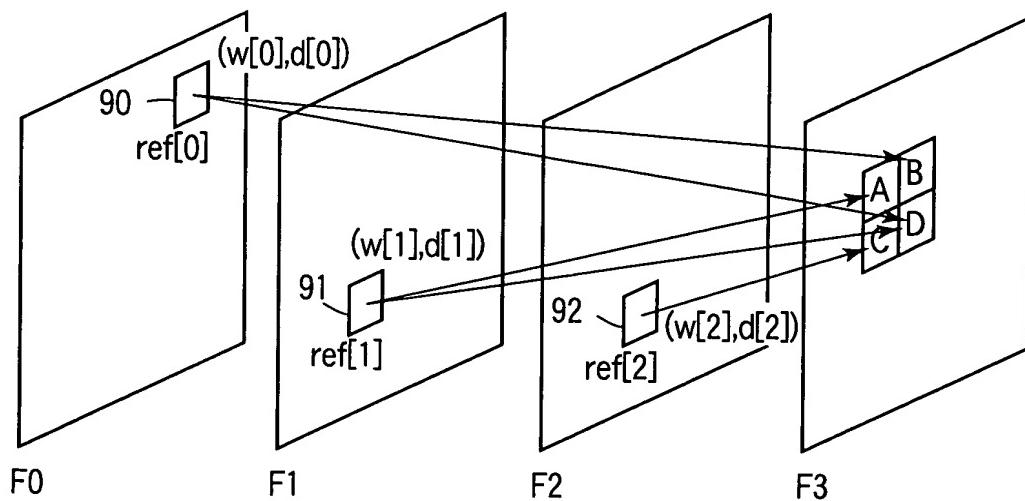


FIG. 41

```
picture(or slice)_header()
{
    ...
    number_of_max_ref_idx
    ...
    weighting_table()
}
```

FIG. 42

```
weighting_table()
{
    w_exponential_denominator
    for(i=0; i<number_of_max_ref_idx; i++)
    {
        w_numerator[i]
        d[i]
    }
}
```

FIG. 43

```
weighting_table()
{
    for(i=0; i<number_of_max_ref_idx; i++)
    {
        w_numerator[i]
        d[i]
    }
}
```

FIG. 44

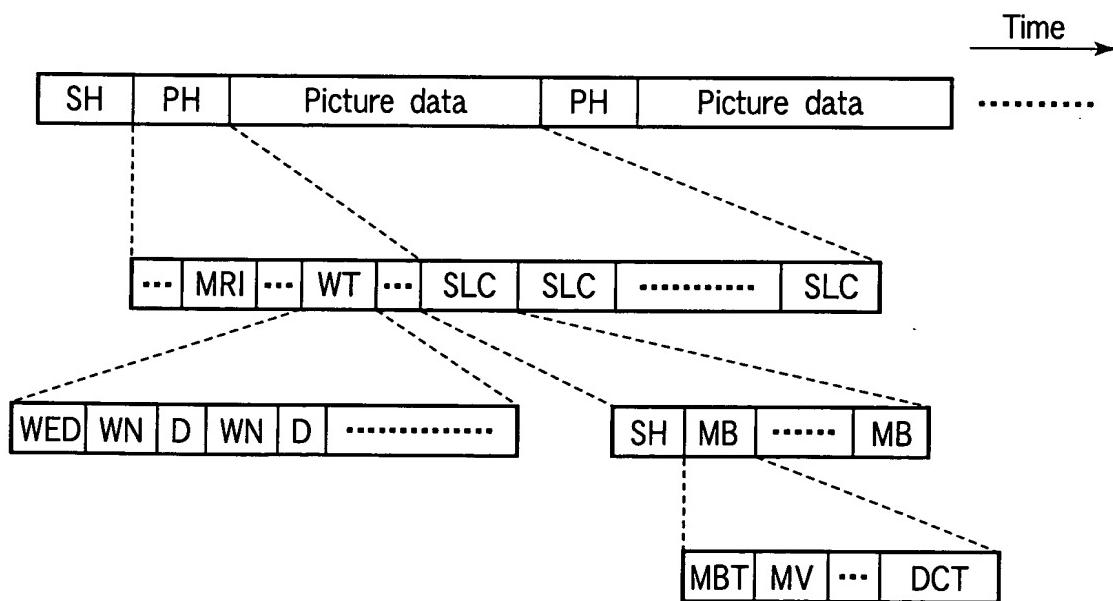


FIG. 45

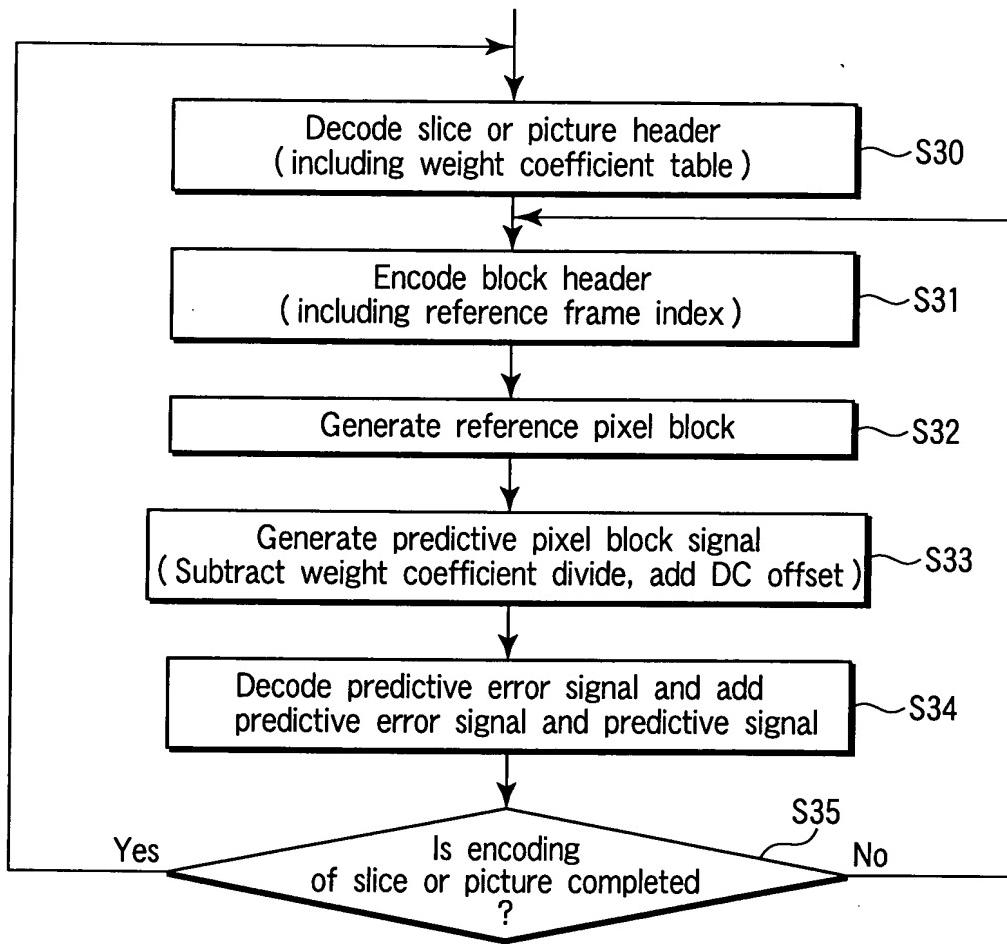


FIG. 46